

FEKETE, Ivan

Degree of changes occurring in the wet heat-exchanging chambers  
of air conditioners. Epuletgespeszet 12 no.5:150-155 0 '63.

BANHIDI, Laszlo; FEKETE, Ivan

An account of the 11th International Congress for Heat  
Engineering. *Epuletgepeszet* 12 no.6:234-237 D'63.

[illegible]

FEKETE, J.

Remark on A. Majer's study "Transformation of Deterioriated Forests." p. 357.

AZ ERDO. (Orszagos Erdeszeti Egyesulet) Budapest, Hungary, Vol. 8, No. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

FEKETE, Janos, dr.

Brief history of the State Therapeutic Institution for Mental and Neurologic Patients. Ideg. szemle 14 no.2:56-63 F '61.

1. Az Országos Ideg- és Elmegyógyintézet közleménye (Igazgató: Dr. Maria Bela).

(HOSPITALS PSYCHIATRIC hist)

FEKETE, Janos, okleveles mernok

Latest cable bridges in England. Melyepitestud szemle 12  
no.8:352-361 Ag '62.

1. GANZ-MAVAG Erzsébet-híd építésvezetosegenek foepitesvezetoje.

FEMETE, Janos, okleveles gépész- és villamosmérnök

Guiding principles for the design of water treating installations  
in condensation power plants. Energia es atom 16 no.8:358-364  
Ag '63.

1. EROTERV.

FEKETE, Janos, okleveles gepesz- es villamosmernok

Calculation of elastic deformations of pipelines by means  
of electronic computers. Energia es atom 16 no.12:537-538  
D '63.

1. EROTERV.



FÉKETE, János, oklevéles gépészmérnök, okleveles villamosmérnök

Static problems of main steam pipes. Energia es atom 17 no.5:  
221-226 My '61.

1. Power Plant Designing Office, Budapest.

FEKETE, Janos, okleveles mernok, fospitesvezeto

A new cable bridge over the Danube. Pt.1. Term tud kozl 8 no.10:  
433-436 0 '64.

FIKETE, Janos, okleveles mernok, foepitesvezeto

A new cable bridge over the Danube. Pt.2. Term tud kozl 8  
no.12:529-534 D '64.

1. Ganz-MAVAG Bridge Factory, Budapest.

L 35950-66

ACC NR: AP6027405

SOURCE CODE: HU/0017/66/000/002/0098/0106

AUTHOR: Balogh, Gyorgy; Fekete, Janos

27  
B

ORG: none

TITLE: Manufacture of geodetic instruments in Hungary. Part 1

SOURCE: Geodezia es kartografia, no. 2, 1966, 98-106

TOPIC TAGS: geodetic instrument, theodolite, distance measuring equipment/MOM Te-B1 theodolite, MOM Te-E5 theodolite, MOM K-320 distance measuring equipment

ABSTRACT: This article described some of the geodetic instruments manufactured by Magyar Optikai Muvek (Hungarian Optical Works)[location not given]. The descriptions, performance data, and uses for the following instruments were presented and illustrated: MOM Te-B1 one-second theodolite; MOM K-070 invar-inlaid basic rod; MOM K-320 dual-image distance measuring system; MOM K-203 signal plate; MOM K-202 signal plate; MOM K-810 optical point projector; MOM Te-C1 universal theodolite; MOM Te-D1 repeating-type tachimeter theodolite; MOM Te-D2 tachimeter theodolite (Te-D3 and Te-D4 representing modern versions); MOM Te-E5 compass theodolite; MOM Te-E6 universal theodolite; MOM Ta-D1 reducing circular-diagram tachimeter; MOM Ta-D4 tachimeter with automatic altitude index; MOM MA-1 measuring bench; MOM MA-2 measuring bench; and MOM MA-4 tangential-diagram measuring bench.

Orig. art. has: 16 figures and 1 table. [JPRS: 36,457]

SUB CODE: 08, 17 / SUBM DATE: none / ORIG REF: 009

Card 1/1

UDC: 681.2:528/439/

L 38354-66

ACC NR: AP6027968

SOURCE CODE: HU/0017/66/000/003/0206/0213

AUTHOR: Balogh, Gyorgy; Fekete, Janos

ORG: none

TITLE: Manufacture of geodetic instruments in Hungary. Part 2

SOURCE: Geodezia es kartografia, no. 3, 1966, 206-213

TOPIC TAGS: geodetic instrument, theodolite, prism

ABSTRACT: This article describes and illustrates the following instruments made in Hungary: The MOM Ni-A1 theodolite, the MOM Ni-B2 theodolite, the MOM Ni-B3 automatic theodolite, the MOM Ni-B4 automatic theodolite, the MOM Ni-B5 compensator theodolite, the MOM Ni-B6 theodolite, the MOM Ni-C1 small-size theodolite, the MOM Ni-C2 small theodolite, the MOM Ni-C3 theodolite designed especially for rail surveying, the MOM Ni-D1 small compensator theodolite, the MOM Ni-D2 theodolite, the MOM Gi-B1 gyroscope theodolite, the MOM Gi-B2 gyroscope theodolite, the K-440 angle prism, the K-731 pantograph, and the K-801 magnifier planimeter. These instruments are manufactured by Hungarian Optical Works (Magyar Optikai Muvek). Some planned instruments and geodetic distance meters were also described.

Orig. art. has: 13 figures. [JPRS: 36,844]

SUB CODE: 08, 09, 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 001

Card 1/1

UDG: 681.2:528(439)

FEKETE, Jozsef, fomernok

Organizational measures on lumbering in the Brozsony  
State Forestry. Erdo 13 no.6:246-249 Je '64.

1. Borzsony State Forestry.

FEKETE, Jozsef

Moisture examination under irrigated wheat crop on meadow  
chernozem soils. Hidrologiai kozlony 44 no.10:472-480 0 '64.

1. Chair of Soil Research, University of Agriculture, Godollo.

FEKETE, J., and others

FEKETE, J., and others. - Gep - Vol. 6, no. 12, Dec. 1954.

Technical norms for materials in the machine industry. p. 565.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.



FEKETE, J.

FEKETE, J.

"Process of Depreciation in Value of Industrial Equipment and Methods for Evaluating Used Machines", P. 18. ( TOBBTEPELES, Vol. 8, No. 1, Jan. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

FEKETE, J.

FEKETE, J. Some problems of organizing planned and economical treatment of shavings  
in machinery factories. p. 227.

Vol. 7, No. 6, June 1955.

GEF.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

FEKETE, Judit

The system of programming at the enterprises in the German Democratic Republic. Epites szemle 5 no.11:326-331 N '61.

1. Epitesugyi Minissterium Epitestehnikai es Epitesgazdasagi Iroda  
kozgazdasza, Budapest.

**"APPROVED FOR RELEASE: Monday, July 31, 2000**

**CIA-RDP86-00513R000412820**

**APPROVED FOR RELEASE: Monday, July 31, 2000**

**CIA-RDP86-00513R000412820C**

FEKETE, K.

FEKETE, K.

Use of naphthalene sulfonic acid in chrome tanning. p. 91

Vol. 5, No. 4, August, 1955 Budapest, Hungary BOR-ES CIPOTECHNIKA

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5  
No. 3, March, 1956

FEKETE, K. VERNESOVA, N. FICHER, S.

Binko-Müller's article "The production of prechromed sole leather on a semi-commercial scale." Tr. from the Hungarian. p.17 (Kozarstvi, Vol. 7, no. 1 Jan 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7 July 1957. Uncl.

Fekete, Kálmán

HUNGARY/Chemical Technology, Chemical Products and Their  
Application, Part 4. - Leather, Furs, Gelatin,  
Tanning Agents, Industrial Proteins.

H-35

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34833.

Author : László Radnóti, György Vágó, Kálmán Fekete.

Inst : Not given.

Title : Retanning of Vegetably Tanned Leather Fibers in  
Leather Board Manufacture.

Orig Pub: Bőr- és cipőtechnika, 1957, 7, No 2, 47-50.

Abstract: Waste leather was retanned with Al and Cr salts after  
the tannides had been removed. For example, a 10 to  
15%-ual  $Al_2(SO_4)_3$  solution was alkalized with soda  
to the alkalinity of 25 to 30% at 35 to 40° before the  
tannage; in order to avoid the formation of Al soap,  
leather should be washed thoroughly before oiling.

Card : 1/2

16

HUNGARY/Chemical Technology, Chemical Products and Their  
Application, Part 4. - Leather, Furs, Gelatin,  
Tanning Agents, Industrial Proteins.

CIA-RDP86-00513R000412820

H-35

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34833.

An excess of  $Al_2(SO_4)_3$  decreases the tensil strength of  
fibers. Similar results were obtained at the retannage  
with 1%-ual  $Cr_2O_3$ . Considering that the retanned fibers  
are not strong enough, it is expedient to use them mixed  
with chrome leather shavings for manufacturing leather  
board. A treatment of retanned fibers with  $CH_2O$  does  
not alter their mechanical properties, but rises their  
sweat resistance.

Card : 2/2

Fekete, Kálmán

HUNGARY/ Leather, Fur, Gelatins, Tanning Materials.  
Technical Albumins.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66331

the latter process followed the usual method). In addition, the best results were given by tanning with "mavepon"; "Lorikal" tanning gave analogous but stiffer leather. The quantity of fixed sulfur in the leathers was of the order of 0.5%, independent of the character of the sulfide solution used for the tanning.

Card 2/2

55



HUNGARY/Chemical Technology - Leather. Fur. Gelatin. Tanning  
Agents. Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83932

Author : Fekete, K.

Inst :

Title : The "Lorical" Tannage and the Possibility of Its Application in Hungary.

Orig Pub : Bor-as cipotechn., 1957, 7, No 5-6, 130-132.

Abstract : The experiments concerning the manufacture of chrome leathers for upper part of footwear are described. The so-called "Lorical" tannage using the alkyl sulfonate "Mavepon" produces good results and permits lower  $\text{Cr}_2\text{O}_3$  consumption, to 1.2 - 1.4%. The leather obtained is very hydrophylic and might cause a series of disturbances in production. This leather has a lowered affinity toward fat liquoring agents and anionic dyes which then penetrate the leather deeper, the fact which provides more uniform dyeing

Card 1/2

- 83 -

HUNGARY/Chemical Technology - Leather. Fur. Gelatin. Tanning  
Agents. Industrial Proteins.

H-35

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R00041282

Ref Zhur - Khimiya, No 24, 1958, 83932

and fat liquoring. This method of tanning when applied to leather shavings and suede leathers produces good results. It is suitable mainly for the manufacture of pieced together suede and glove leathers.

Card 2/2

**"APPROVED FOR RELEASE: Monday, July 31, 2000**

**CIA-RDP86-00513R000412820**

**APPROVED FOR RELEASE: Monday, July 31, 2000**

**CIA-RDP86-00513R000412820C**

FEKETE, Kallman

Resin tannage with Hungarian-made resin tanning materials.  
Bor cipo 10 no.4:120-125 J1 '60.

1. Boripari Kutato Intezet.

FEKETE, Kalman; HEGEDUS, Lorant

The manufacture of shrunk grain pigskin leathers. Bor cipo  
10 no.5:145-147 S '60.

1. Boripari Kutato Intezet (for Fekete). 2. Dismuborgyar  
(for Hegedus).

VERMESOVA, E.; EKETES, K.; MALOVECZ, I.

Influence of the preceding operations on the properties of  
the covering film of buffed side box. Kozarstvi 14 no.1:  
3-7 Ja'64.

1. Vyzkumny ustav kozedelny, Budapest, Madarska lidova  
republika.

VERMES, Laszlone, dr.; FEKETE, Kalman; MALOVECZ, Istvan

Effect of tannage on certain properties of the finish coat  
of corrected grain side leathers. Bor cipo 14 no. 1: 16-  
20 Ja '64.

1. Boripari Vallalt; "Bor-es Cipotechnika" szerkeszto  
bizottsagi tagja (for Vermes).
2. Boripari Kutato Intezet (for Fekete and Malovecz).

ERDI, Pal, dr.; FEKETE, Kalman

Thoughts on retanning oxskins with chrome salts as reflected in the papers read at the Hague congress. Bor cipo 14 no.4:107-109 J1 '64.

1. Leather Industry Enterprise; Editorial board member, "Bor- as Cipotechnika" (for Erdi). 2. Research Institute of the Leather Industry (for Fekete).

SZIIAGYI, Elemer.okl.mernok; V.NAGY, Imre,dr.; SZIVAK, Attila; FEKETE, Karoly;  
LACZAI SZABO, Tibor; CSERMAK Bela; DULANSZKY, Mendor; HORVAI, Vilmos,  
okl.mernok; BELLOSEVICH, Sandor; DENESI, Odon; MADAS,Jozsef; GOCZ,  
Bela; VARNAI, Tivadar; HETENYI, Endre

Industrial water supply. Pecsí musz szeml 6 no.4.supplement:5-14 O-D '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet igazgathelyetese (for V.Nagy).
2. Melyepitesi Tervezo Vallalat (for Szivak).
3. Deldunantuli Vizugyi Igazgatosag (for Fekete).
4. Mehezipari Miniszterium Villamosenergiaipari Igazgatosag (for Laczai Szabo).
5. Vizgazdalkodasi Tudomanyos Kutato Intezet (for Csermak).
6. Pecsí Viz- es Csatornamuvek (for Dulanszky).
7. FTV V.Mernokgeologiai Osztaly (for Bellosevich).
8. Epitesugyi Miniszterium Pecsí Tervezo Vallalat Ybl-dijas varosrendezo epiteszmernoke (for Denesi).
9. Pecsí Szentoszt (for Madas).
10. Pecs mj.varos Tanacsa Vegrehajto Bizottsaga elnokhelyettese (for Gocz).
11. Pecs mj.varosi KOJALL (for Varnai).
12. Orszagos Vizugyi Folgazgatosag fomerneke (for Hetenyi)



FEKETE, Karoly

Can the water supply of Pecs be assured without the construction of a second conduit in the Danube? Pecsí musz szeml 5 no.4:14-16 0-D '60.

JAKAB, Andras; SCHAFER, Lajos; TAPFER, Dezso, dr.; RADEZKY, Jeno;  
PATKAI, Imre, dr.; BABAY, Karoly; SOLYMOSSY, Laszlo, dr.;  
GYORY, Jeno; PEKETE, Karoly; FERENCZ, Miklos; GEREBY, Gyorgy;  
SZEMERE, Laszlo; SAGHY, Antal, dr.; CSABA, Jozsef; KEVE, Andras,  
dr.; AGARDI, Ede; KOFFAN, Karoly; SCHMIDT, Egon

Data on the avifauna of Dunantul. Aquila 69/70:260-266 '62-'63  
[publ. '64].

GATI, T.; SEIMECI, L.; HIDEG, J.; TARI, Judit; with the technical assistance  
of FEKETE, Katalin

Osmotic effect of duodenal contents on the autoregulation of blood  
pressure. Preliminary report. Acta physiol. acad. sci. hung. 22  
no.2:201-202 '62.

1. Institute of Pathophysiology, Medical University, Budapest and  
Hungarian Army and Medical Corps.

(BLOOD PRESSURE) (DUODENUM) (OSMOSIS)

GATI, Tibor; RIGO, Janos; GYENG<sup>3</sup>, Kalman; SOS, Jozsef; Technikai asszisztens:  
FEKETE, Katalin; JONA, Margit

Cardiovasopathogenic diet, effect of Ca and Mg on the strength of  
the cold pressor reflex in rats. Kiserl. orvostud. 16 no.4:380-384  
Ag '64.

1. Budapesti Orvostudományi Egyetem Korelettani Intezete.

FEKETE, LANG

British Radio and Electronic Components Show, London. Hir  
techn 14 no.5:194-195 0 '63.

FEKETE, Laszlo (Miskelo)

The Miskelo Railroadmen's Sports Club in the vanguard of the Eastern  
Division of the National Championship II. Magy vasut 7 no.1:6 1 Ja '63.

FEKETE, Laszlo; NEMENYI, Rezso

Surface hardening of crankshafts. Gepgyartastechn 2 no.6:  
201-209 Je '62.

1. GANZ-MAVAG Motorgyar Hokezelouzem.

FEKETE, Laszlo (Miskolc)

Example set by the Kisterenye Locomotive Shop. Magy vasut 7 no.7:  
5 2 Ap '63.



157 AND 158 (22/23)										159 AND 160 (22/23)									
PROCESS AND PROPERTIES INDEX																			
<p>CA</p> <p>Nutrition-biological value of dehydrated vegetables. József Sós and László Fekete. <i>Közelevizs</i> 2, No. 4, 13-14 (1967).—Swelling capacity and ascorbic acid of Hungarian dehydrated vegetables were detd. by treating 10 g. substance in 200 cc. water at 37° for 4 hrs. and then measuring the increase of vol. The following swelling capacities and ascorbic acid contents were found: white cabbage 63-80% and 7.5-82.5 mg. %, red cabbage 66 and 41, kale 48-67 and 21-77.5, cauliflower 30-42 and —, spinach 43-60 and 13-47.5, green peas 27-36 and 23.0-30.03, green beans 48-66 and 10.5-38.0, carrots 54-72 and —, parsley root 45-76 and —, Jerusalem 60-72 and 12.5, pumpkin 65-80 and 30-50, onions 61-66 and 10-48, green paprika 46-67 and 66.5-152.5, potato 27-44 and 6-12, mushroom 40 and —, dill 34-36 and —.</p> <p>István Fındly</p>																			
<p>ASB-51.5 METALLURGICAL LITERATURE CLASSIFICATION</p>																			

FEKETE, L. 1947

(Az Orszagos Kosegeszseghugyi Intezet Koslemenye)

"Examination of Samples of Human Milk."

Orvosok Lapja, 1947 3/3(89-90)

Abst: Exc. Med. 11, Vol. 11, No. 4, p. 484

<div style="text-align: right;">112</div>	
<p><b>Stomatologic and nutritional hygienic relations of caries investigations on school children of Tatar. Lasho Fakaly and Lasho Bugde. <i>Nepresshiy</i> 29, 632-4 (1948).</b></p> <p>Caries were observed in 83 out of 117 school children aged 8-14. Detailed investigations showed that the children with healthy teeth consumed a diet contg. 63 g. protein, 70 g. fat, 0.40 g. Ca, 4262 international units vitamin A, 0.82 mg. vitamin B<sub>1</sub>, and 18 mg. vitamin C, with a total of 1002 kcal. daily. The diet of children suffering from caries contained 84 g. protein, 36 g. fat, 0.3 g. Ca, 2212 international units vitamin A, 0.87 mg. vitamin B<sub>1</sub>, and 7 mg. vitamin C, with a daily total of 1641 kcal. 7 references.</p> <p style="text-align: right;">I. P.</p>	
<p style="text-align: center;">METALLURGICAL LITERATURE CLASSIFICATION</p>	
<p>10000 117-02100</p>	<p>10000 117-02100</p>
<p>10000 117-02100</p>	<p>10000 117-02100</p>

FEKETE, L. 1948

(State Inst. of Hygiene, Budapest)

"Comparative Studies of Endemic Goitre Districts in Hungary."

Nepegeszsegugy 1948, 29/27(625-629)

Abst: Exc. Med. 111, Vol. 111, No. 3, p. 90

CA

118

Microanalytical determination of thyroxine iodine in the blood of humans suffering from goiters and disturbances of the iodine metabolism. László Fehér and Géza Szabó (Országos Kísérleti-Élettani Intézet, Budapest, Hung.). *Országos Kísérleti-Élettani Intézet, Budapest, Hung. 1. Országos Kísérleti-Élettani Intézet, Budapest, Hung. 1. Országos Kísérleti-Élettani Intézet, Budapest, Hung. 1.*—The Democsky method was modified for use with org. substances. The procedure is based upon the reaction of  $\text{Ce}(\text{SO}_4)_3$  and  $\text{H}_2\text{AsO}_4$  catalyzed by the presence of I. When a diid. ferrous soln. (triferrous o-phenanthroline) is added to a NaCl soln., the liquid is colored red. On addn. of  $\text{Ce}(\text{SO}_4)_3$  soln. in the presence of I the color changes to green then consecutively to blue, blue and red. The time required to reach the final red color is measured and compared to standard I-contg. solns. for obtaining the I contents in tests. The micro-method is suitable for detection of 0.0002% I in 1.0 ml. liquid. The blood of normal humans analyzed by this method contained 3.0-6.0, of children below 5 yrs. 2.0-5.0, in hypothyroidism 1.0-3.0, of cretens 0.06-0.8, in euthyroidism 3.0-6.0, in hyperthyroidism 7.0-20.0, in postoperative myxedema 1.5-3.0, in ophthalmic goiter 5.0-7.0% thyroxine I. 18 references.

István Fehér

FEKETE, L.; KORPACZY, I.

Experimental intravenous protein injection with high nutritional case in hydrolyzate. Orv. hetil. 92 no.18:566-569 6 May 1951. (GLML 24:5)

1. Head Departmental Physician for Fekete; Engineer for Korpacsy. 2. Institute of Nutritive Science (Director -- Dr. Robert Tarjan).

**FEKETE, L.**

~~CONFIDENTIAL~~  
Clinical manifestations of hypo- and hyperkalemia. Orv. hetil. 94 no.26:  
705-712 28 June 1953. (GLML 25:1)

1. Doctor. 2. Second Internal Clinic (Director -- Prof. Dr. Imre Haynal),  
Budapest Medical University.

EXCERPTA MEDICA Sec 4 Vol. 8/11 Med. Micro. Nov 55

*FEKETE, L.*

3206. FEKETE L. \* Die Wirkung diätischer Eiweisskomplettierung auf die Antitoxinproduktion bei mit Tetanusanatoxin immunisierten Kindern. The influence of dietetic completion of protein on the production of antitoxin in children immunized by tetanus anatoxin ACTA MICROBIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 1/4 (445-452) Graphs 1 Tables 1

The influence of dietetic protein completion by highly nutritive protein on the production of immune substances in 12-year-old boys immunized by tetanus anatoxin is described. (1) It was established that the protein injected and that given in the diet brought about an increase in the production of immune substances in the children concerned, as compared with control children who did not receive additional protein. (2) It was demonstrated that under the conditions of this experiment, there was a positive relationship between the use of complete protein per 1 kg. body weight and the quantity of immune substance produced. A higher utilization of complete protein causes larger serum antitoxin values. (3) When 1.2 to 1.7 g. protein per kg. was administered a massive production of immune substances was observed. (4) A practical conclusion was that, in the course of prophylactic injections in children, living on a monotonous diet rich in vegetable protein, completion by proteins of good quality (eggs, milk, cheese, etc.) 2 to 3 weeks before active immunization may enhance the result of the injections - and thus the value of active immunization - to a high degree. In the present experimental conditions administration of protein of a good quality was followed by a more massive production of immune substances, and thus probably also by prolonged immunity.

Author (XVII, 4)



FEKETE, LASZLO

Hungary/Analytical Chemistry.- Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61825

Author: Fekete, Laszlo

Institution: None

Title: Complexometric Determination of Calcium and Magnesium in Soil and Irrigation Water

Original

Periodical: A talajes ontozoviz kalcium-es magnezium tartalmanak komplexonmetrias. meghatarozasa. Orszagos mezogazd monosegvizsg. int. evk. 1952-1953 (1954), 2, 165-168; Hungarian; Russian and German resumes

Abstract:  $\text{Ca}^{2+}$  and  $\text{Mg}^{2+}$  ions are titrated with Complexon III, the former to murexide, the latter to eriochrome black T at a definite pH value. The proposed method suitable for series determinations surpasses in accuracy other methods.

Card 1/1

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**CIA-RDP86-00513R000412820C**

SZALAY, Elemer; PEKERT, László

Body weight, body height, and nutrition. *Gyermekegyógyászat* 5  
no. 4:111-116 Ap '54. (KHAL 3:8)

1. *Élelmiszertudományi Intézet* (Igazgató: dr. Tarján Robert)
  - (BODY WEIGHT, in inf. & child
  - \*nutritional factors)
  - (BODY HEIGHT, in inf. & child
  - \*nutritional factors)
  - (NUTRITION
  - \*relation to body weight & height in child)

FRKETE, László; KÖRPACZY, István; VARDI, Pál

Effect of tryptophan and lysine poor diet on nitrogen metabolism,  
on its distribution in tissue and on synthesis of serum proteins.  
Kiserletes orvostud. 6 no.3:253-259 May 54.

1. Helyzetstudományi Interzet.

(TRYPTOPHAN, deficiency,

eff. blood proteins & nitrogen metab. in dogs, lysine &  
tryptophan defic. diet)

(LYSINE, deficiency,

eff. on blood proteins & nitrogen metab. in dogs, lysine &  
tryptophan defic. diet)

(BLOOD PROTEINS,

eff. of lysine & tryptophan defic. diet in dogs, lysine &  
tryptophan defic. diet)

(NITROGEN, metabolism,

eff. of lysine & tryptophan defic. diet in dogs)

FRKETE, Lasso

Effect of high-protein diet on antitoxin production in children  
immunized with tetanus anatoxin. Orv hetil 95 no.13:343-346  
Mr '54. (KHAL 3:8)

1. Az Melemezestudomány Intezet (igazgató: Tarján Robert dr.)  
közleménye.

(TETANUS, immun.

\*eff. of high-protein diet on antitoxin prod. in child.  
immunized with tetanus toxoid)

(DIETS

\*high-protein, eff. on antitoxin prod. in child.  
immunized with tetanus toxoid)

(PROTEINS

\*high-protein diet, eff. on antitoxin prod. in child.  
immunized with tetanus toxoid)

FARKAS, László,; KÖRÖSI, István.

Investigations on dynamics of protein synthesis by investigations  
on serum regenerati. Kiserletes orvostud. 7 no.2:201-206 Mar 55.

1. Molekulatudományi Intézet, Budapest.

(BLOOD PROTEINS,

eff. of nitrogen-defic. diets in animals)

(NITROGEN, deficiency,

eff. of low nitrogen diets on blood proteins in animals)

V  
ND 86. Variations in the nutritive value of sunflower seed protein — L. Fekete, I. Korpáczy. (Élelmiszeripar — Vol. 9, 1955, No. 3, pp. 89-91, 2 tabs.)

Tests have proved that the biologically optimal method of oil extraction is the preliminary heat treatment of the kernels prior to pressing and extraction with petrol solvent. The nutritive value of sunflower seeds grown in Hungary surpasses that of soya recognized in literature as having the highest vegetable protein content. Metabolism, growth and serum albumin tests have proved that that effect of heat treatment which consists in the increase of the nutritive value is not due to the destruction of the ferment inhibitors and toxins but presumably to biochemical changes. The residues of extraction which primarily contain albumins may under given circumstances be used for nutritional purposes.

FEKETE, L.: KORPACZY, I.

Biological examination of the nutritional value of lupine (Lupinus albus, Lupinus luteus L.). p. 321. Vol 9, no. 9, Oct. 1955. ELETZSI IPAR. Budapest, Hungary.

(-) Establishment of the Elek Sigmund and Tamas Kosutany Commemorative Medals.  
p. 324.

So: Eastern European Accession. Vol 5, no. 4, April 1956



BUGYI, Balazs, dr.; ~~FEKETE~~, László, dr.; ~~NEVES~~, Györgyi, dr.

X-ray studies on the ossification of the carpal bone in 6 year old school children. *Gyermekegygyaszat* 7 no.7:202-206 July 56.

1. Az Elelmeses es Taplakosastudomanyi Intezet, Budapest es a Szolnokmegyei Tanacs-korhas kosl.

(GROWTH, in inf. & child

develop. of carpus, x-ray studies in six year old school children (Hun))

**FEKETE, László; KÖRÖPACZY, István.**

Complementary relation of food proteins and their degradative effect on the nutritive value of foods. *Kiseérletes orvostud* 8 no.1:39-47 1956.

1. **Előzetes- és Táplálkozástudományi Intézet, Budapest.**

(FOOD

proteins, complementary relation & its promoting & degradative eff. on nutritive value of foods (Hun))

(PROTEINS, metab.

complementary relation of food proteins, promoting & degradative eff. on nutritive value of foods (Hun))

(NUTRITION

nutritive value of foods, promoting & degradative eff. of complementary relation of food proteins (Hun))

F E K E T E, L.  
EXCERPTA MEDICA

Sec.2 Vol.9/10 Physiology, etc. Oct56

4475. FEKETE L. and KORPÁČZY I. Élelmezés és Táplálkozástudományi Int., Budapest. \*Etrendi fehérjék egymást kiegészítő (komplettáló) és tápérték csökkentő (degradáló) hatása. Mutual supplementing and 'degrading' action of nutritional proteins KISÉRL. ORVOSTUD. 1956, 8/1 (39-47) Graphs 1 Tables 3

The N utilization of a pure wheat flour was increased by 40-45% by supplementation with egg or sunflower proteins. On the other hand, admixture of corn-grits to pure wheat flour decreased the N utilization of the latter, the phenomenon being called by the authors a 'degrading effect'. The role of the relative proportions of leucine, isoleucine and tryptophan is discussed. The significance of these findings in practical dietetics is stressed.

Bálint - Budapest

**"APPROVED FOR RELEASE: Monday, July 31, 2000**

**CIA-RDP86-00513R000412820**

**APPROVED FOR RELEASE: Monday, July 31, 2000**

**CIA-RDP86-00513R000412820C**

FEKETE, Laszlo, dr.,; KORANYI, Andras, dr.

Two cases of the Mosse syndrome. Orv. hetil. 97 no.2:53-55 8 Jan 56.

1. A Janos Korhas-rendelo (igazgato-főorvos; Bakacs Tibor dr.) I sz. Belosztalyanak (főorvos; Koranyi Andras dr.) közleménye.  
(LIVER CIRRHOSIS, compl.  
polycythemia vera, Mosse synd., diag. (Hun))  
(POLYCYTHEMIA VERA, etiol. & pathogen.  
liver cirrhosis, Mosse synd., diag. (Hun))

HUNGARY/Human and Animal Morphology. Blood and Hematopoietic  
Organs.

8

Abs Jour: Ref Zhur-Diol., No 15, 1958, 69620.

Author : Szilas, Jenő; Lang, Sándor; Fekete, László.

Inst :

Title : A New Method of Determining Polychromatophilia and  
Types of Reticulocytes.

Orig Pub: Orv. hetilap, 1956, Vol. 97, No 30, 822-824.

Abstract: A mixture is prepared which is composed of saturated  
solutions of the following dyes: four ml eosin,  
six ml brilliant cresyl violet, and one ml methylene  
blue. To this is added 0.1 ml of 0.1 N solution of  
NaOH. A drop of this mixture is placed on a slide  
and allowed to dry. A drop of fresh blood is  
then applied to the slide and kept in a moist chamber  
for 45 min. After this, the smear is prepared.

Card : 1/2

*Budapest IX. ker. János Pál-terület  
Laborat. az a János Kórház-szakrendelő*

HUNGARY/Human and Animal Morphology. Blood and Hematopoietic  
Organs.

S

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69620.

Protoplasm of the reticulocytes acquires a different staining color depending on the degree of its maturity: this ranges from a violet blue at the youngest stages through blue and azure to bronze. The substantia filamentosa in all cases is dark violet. -- I. Dudovari.

Card : 2/2

FEKETE, L.; NEMES, Gy.; KLEBERG, J.; ABRAHAM, E.

Complement titres in subjects with differing uptakes of dietary protein,  
with special reference to antibody formation in dependence on diet.  
Acta microb. hung. 4 no.4:405-411 1957.

1. State Institute of Food Research and Nutrition, Budapest.  
(COMPLEMENT  
titers, eff. of dietary protein uptake)  
(PROTEINS, eff.  
dietary protein uptake on complement titers.)



~~FEKETE~~, László, Dr.; GUGYI, Balázs, Dr.; NEMES, György, Dr.

Ossification and development of the wrist in children living on diets of different calcium and vitamin D content. Nepegeszségügy 38 no.6: 157-159 June 57.

1..Közlemény az Országos Elemzés-es Taplalkozástudományi Intérviből és a Szolnok megyei wncs kórhózából.

(WRIST, physiol.

eff. of different levels of dietary calcium & vitamin D on growth & ossifications (Hun))

(CALCIUM, physiol.

eff. of different levels of dietary calcium on growth & ossification of wrist (Hun))

(VITAMIN D, physiol.

eff. of different levels of dietary vitamin D on growth & ossification of wrist (Hun))

FEKETE, Laslo

New type of skin-fold measuring device. Nepegeszsegugy 39 no.8-9:208-209 Aug-Sept 58.

1. Kozlemeney az Orszagos Elelmezes es Taplakozastudomanyi intezetbol.  
(FATTY TISSUE  
body fat, indirect estimation with appar. for measurement  
of skin fold (Hun))

HUNGARY / Human and Animal Morphology (Normal and  
Pathological). Integument.

S

Abstr Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12381

Author : Feketo, Laszlo

Inst : -

Title : Indirect Determination of the Amount of Fat  
in the Body of Healthy and Sick Individuals.

Orig Pub : Orv. hetilap, 1958, 99, No. 17, 562-566

Abstract : The author constructed an apparatus by means of  
which he conducted measurements of the thickness  
of cutaneous folds. A table was compiled which  
permits, according to the data of cutaneous-  
fold measurements, percentagewise estimating the  
amount of fat in the body.

*A Fovarsai Visegradi Korhaz*

Card 1/1

UPOR, Andre; DEMKO, Andre; ~~FRANKS~~, Lasso

On the determination of urinary uranium content. Kiserletes  
Orvostudomány 12 no.1:91-94 F '60.  
(URANIUM urine)

FEKETE, Laszlo, dr.

Recent trends in the development of dietetics. Orv.het11. 101  
no.35:1244-1248 28 Ag '60.

1. Fovarosi Visegradi Korhas,  
(DIETETICS)

FEKETE, Laszlo, dr., az orvostudományok kandidátusa

A new trend in the development of dietetics. Term tud kozl 5 no.5:  
221-226 My '61.

1. Forvos, Visegrad.

COUNTRY : Hungary  
 CATEGORY : Analytical Chemistry. Analysis of Inorganic Substances. E-2  
 ABS. JOUR. : Azkhim., No. 19, 1959, No. 67672  
 AUTHOR : Upor, E.; Pekete, L.; Nagy, G.  
 INST. :  
 TITLE : Determination of Uranium in Rocks Following Its Separation by the Bicarbonate Method

ORIG. PUB. : Magyar kem. lapja, 1958, 13, No 7-8, 305

ABSTRACT : From the precipitate of  $(\text{NH}_4)_2\text{U}_2\text{O}_7$  which is obtained by the action of  $\text{NH}_4\text{OH}$  on a solution containing U, the latter is usually dissolved by treatment with a carbonate of an alkali metal; however, in the presence of  $\text{NH}_4\text{OH}$  and Fe a portion of U (about 60%) remains in the precipitate due to adsorption. It was found that this defect is eliminated in the presence of  $\text{Th}(\text{OH})_4$ . In the determination of U, prior to the precipitation with ammonia, Th-salt (20 mg Th per approximately 6 mg U) is added to the solution. After 0.5 hours the precipitate is filtered off and dissolved in 50-70-ml of hot 5% solution of  $\text{Na}_2\text{CO}_3$ , the solution is acidified with sulfuric acid, treated with a

CARD: 1/2

<div style="display: flex; justify-content: space-between;"> <span>11 12 13 14 15 16 17 18 19 20</span> <span>21 22 23 24 25 26 27 28 29 30</span> <span>31 32 33 34 35 36 37 38 39 40</span> </div>									
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<div style="display: flex; justify-content: space-between;"> <span>671 672 673 674 675 676 677 678 679 680</span> <span>681 682 683 684 685 686 687 688 689 690</span> <span>691 692 693 694 695 696 697 698 699 700</span> </div>									
<div style="display: flex; justify-content: space-between;"> <span>701 702 703 7</span></div>									



FEKETE, László, okl. gépészmérnök

Tempering device of medium frequency. Villamoság 9 no.5:  
127-129 My '61.

1. Ganz-MAVAG motorgyar hőkezelése.

FEKETE, Laszlo; NEMENYI, Rezső

Temperature measurement by milliscope during flame and induction hardening. Mares automat 9 no.10:303-306 '61.

1. Ganz-Mavag.

FEKETE, Laszlo

"Mechanical technology" by Dr. Laszlo Gillemot. Reviewed by Laszlo Fekete. Gep 13 no.4:154 Ap '61.

1. "Gep" foszerkesztoje.

FEKETE, Laszlo

Tasks in the field of the machine building for chemical industries.  
Magy kem.lap 16 no.2:49-52 F '61.

1. Nehézipari Minisztérium.

OESTERREICH, H.; FEKETE, Laszlo [translator, deceased]

The 2d Conference on Machine Tools at Dresden. Sep 14  
no.8:282-285 Ag '62.

FEKETE, L.

Frigyes Szandter's Geplakatos szakismeretek I es II (Handbook for Engine Fitters. Vols. 1-2); a book review.

P. 262. (GEP.) (Budapest, Hungary) Vol. 9, No. 7/8, Oct./Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

FEKETE, L.

"Report on the 1959 Spring Leipzig Fair. L p. 225

GEP. (Gepipari Tudományos Egyesület). Budapest, Hungary.  
Vol. 11, No. 6, June 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959  
Uncla.

LA FEKETE, L.

The theory of the degassing of molten metals by means of vacuum. L. Fekete. *Acta Tech. Acad. Sci. Hung.* 1, No. 1, 33-46 (1930) (in German).—Theoretical equations were derived and curves plotted from which it was possible to calc. the amt. of H<sub>2</sub> escaping in the form of bubbles and the amt. remaining in the melt, in terms of the initial H<sub>2</sub> content, for different pressures and different depths of bath.  
A. I. Abbott



A microfiche card with a grid of frames. The top frame contains the text "FEKETE, L." and "1950 AND 1951". The second frame contains the text "57. Notes on the theory of removing hydrogen gas from molten metals in vacuum, by L. Fekete, (Bányászati és Kohászati Lapok) Hungarian Journal of Mining and Metallurgy Vol. V (LXXXIII), No. 6, pp. 475-480, June, 1950).". The third frame contains the text "Equations of curves were established by way of mathematical derivations indicating the quantity of gas removed in the form of bubbles and the quantity of gas remaining in the metal through dehydrogenization of the molten metal in vacuum, in the function of pressure and depth of the bath. A method is presented showing how to coordinate in a common diagram the various curves that can be established with the aid of different equations. These diagrams - which can be established for definite cases with the help of the equations indicated - will allow for the direct reading of the point belonging to the curves of any pressure which have not been drawn in the diagram, whereas the relevant other point can be calculated from the equations. Each degree of degassing temperature belongs to another diagram. Examples illustrate the practical application of these equations." The bottom frame contains the text "ASB-SLA. METALLURGICAL LITERATURE" and "1950 AND 1951".

FEKETI, L.

BC

31  
4

Theory of absorption of hydrogen from metals by molting under vacuum. (Abstracted by Koshida J. J., 1960, 8, 373 - 381; J. Phys. Chem., 1961, 65, 232). — The relation between the amount of H<sub>2</sub> absorbed during the molting of a metal under a vacuum and the treatment in the metal after treatment is studied mainly in the case of Fe. The effect of content, depth of metal bath, and temperature are varied.

R. B. CLARK.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

10000 110100100

10000 110100100

10000 110100100

CA FEKETE, Laszlo

21

Wetting of coal powder. Alfred Romwalter and Laszlo Fekete. *Adunyas. Akademia. Lapok* 8, (83), 615-17 (1930).  
Theoretically the wetting with water would be the simplest way of removing coal dust from the air of mines. Hydrophobic dust, however, cannot be treated in this manner. Kupts. proved that the effect of pure water and that of aq electrolyte solns. were equally unsatisfactory, owing probably to an O film coating the particles of coal. When coal powder was previously mixed effectively with 23% water, the thick pulp was suitable for wetting coal dust. When such coal-dust pulp dried, the film produced was hydrophilic. For the effective removal of coal dust from coal mines the use of exhaustors is proposed. The cost of this operation can be covered by the fuel value of the coal dust recovered.  
Jozsán Finkly

FEKETE, L., Kandidat der Technischen Wissenschaften

New theories for the computation of slag in nonferrous metallurgy. Acta  
techn Hung 32 no.3/4:299-319 '61. (EEAI 10:6)

1. Forschungsinstitut für Nichteisen-Metalle, Budapest.  
(Nonferrous metals) (Slag)

FEKETE, Laszlo

In honor of the Railroadmen's Day. Magy vasut 8 no.14:2 18 J1 '64.

1. Miskolc Directorate, Hungarian State Railways, Miskolc.

HUNGARY

FEKETE, Lajos, Dr. docent; [affiliation not given].

"The Breeding Principle and the Mode of Housing in Pig Breeding."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 8, Aug 1963, pages 331-334.

Abstract: The most important task of the breeder is to continuously improve his stock from generation to generation. The author discusses the essential difference between swine which are bred for lard and those bred mainly for meat or ham. The economic significance of the correct choice is stressed. This depends not only on the species selected but also on its fodder requirements. The problem of open air and enclosed accommodations is also discussed in detail. Recommendations are made. No references.

1/1

PLATE 17

EXTRACTA MEDICA Sec 2 Vol 11/7 Physiology July 58

2870. ACTION OF ATP ON THE ISOLATED FROG HEART - Angaben über den Wirkungsmechanismus der Adenosintriphosphorsäure (ATP) am isolierten Froschherzen - Sepp J. and Fekete M. Physiol. Inst., Med. Univ., Szeged - ACTA PHYSIOL. ACAD. SCI. HUNG. 1958, 12/suppl. (5)

Uranyl ions have a hypodynamic action on the isolated frog heart. This is prevented by ATP. Hexose phosphate has the same effect. The hypodynamic effect of ACh is reinforced by ATP; this is the ATP-reversed effect. After experiments with theophylline it is concluded that ATP may be a ChE inhibitor. The ATP-reversed effect is not influenced by hexamethonium or D-tubocurarine. ATP may have an effect on the release of ACh.

SEPP, Jozsef; ~~FEKETE~~, Marton; KEREKVI, Tamas; MARTONOSI, Antal

Mechanism of action of adenosine triphosphoric acid in isolated frog heart. Kiserletes orvostud 9 no.5-6:476-481 Oct-Dec 58.

1. Szegedi Orvostudományi Egyetem Elettani Intézete.

(ADENYLPIROPHOSPHATE, physiol.

mechanism of inotropic action in isolated frog heart (Hun))

(MYOCARDIUM, physiol.

inotropic action of ATP in isolated frog heart, mechanism (Hun))



BORSY, J.; FEKETE, M.; CSIZMADIA, Zs.

Antimescaline effect of trioxazine [N-(3,4,5-trimethoxybenzoyl)-tetrahydro-1,4-oxazine]. Acta physiol. hung. 19 no.1-4:27-32 '61.

1. Pharmacoindustrial Research Institute, Budapest,  
(Mescaline antagonists) (TRANQUILIZING AGENTS pharmacology)

HUNGARY

FEKETE, M., and BORSY, J., of the Institute for Pharmacoindustrial Research, Budapest [Original version not given].

"Effect of IMIPRAMINE (N-[3-Dimethylaminopropyl]-iminodibenzyl HCl) on Impulse Formation in the Rat Heart in Vivo"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; p 12.

Abstract [Authors' English summary, modified]: Imipramine in intravenous doses of 4 to 6 mg/kg inhibited the disturbance of rhythm caused by aconitine and calcium chloride. The bradycardia elicited by pretreatment with reserpine could be antagonized in 65% of the cases by the intravenous injection of 4 mg/kg of imipramine. The drug, however, had no influence on the bradycardia caused by bretylium tosylate and increased the negative chronotropic effect of guanethidine.

1/1

PUMP, Karoly, dr.; GYODI, Gyula, dr.; FEKETE, Miklos, dr.

The importance of antistreptolysin-O, electrophoresis and c-reactive protein tests in acute glomerulonephritis in children. Gyermekgyógyászat 14 no.9:257-261 S '63.

1. Pécsi Orvostudományi Egyetem Gyermekklinikájának (Igazgató: Kerpel-Fronius Odon dr., egyetemi tanár) közleménye.  
(GLOMERULONEPHRITIS) (ANTISTREPTOLYSIN)  
(ELECTROPHORESIS) (C-REACTIVE PROTEIN)  
(BLOOD PROTEIN DISORDERS)

HUNGARY

BORSY, J., ~~FEKETE, M.~~ and CSAK, Z.A., of the Institute for Pharmacological Research, Budapest [Original version not given].

"The Mescaline-Antagonizing Effect of Some Ergot Alkaloids in Correlation with Their Antiserotonin Activity"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; p 28.

Abstract [Authors' English summary modified]: The effects of LSD-25, BOL-148, UML-491 and dihydroergotamine on mescaline stereotypia and excitation have been studied in mice. Inhibition of the scratch reflex evoked by mescaline was strongest with LSD-25. The latter also completely blocked the stimulating effect of mescaline, and the action of BOL-148 was the same, but the other two compounds were ineffective. The highest serotonin activity was exhibited by UML-491.

1/1

VARGA, F.; MESS, B.; FEKETE, M.

Causes of the low oxygen consumption in 1 to 7-day old prematures.  
Acta paediat. acad. sci. Hung. 6 no.3/4:323-327 '65.

1. Department of Paediatrics and Institute of Anatomy, University  
Medical School, Pecs. Submitted April 3, 1965.

L-14861-66 EWA(b)-2/EWA(j)/EWT(1)/EWT(m) RM/RO

ACC NR: AT6007416

SOURCE CODE: HU/2505/65/026/00X/0032/0033

AUTHOR: Fekete, M.

ORG: Institute of Pharmacindustrial Research, Budapest (Gyogyszeripari Kutató Intézet) 31  
Br1

TITLE: Mechanism of noradrenalin potentiation by imipramine [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964.]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 32-33

TOPIC TAGS: pharmacology, drug effect, autonomic nervous system, nervous system drug, cat

ABSTRACT:

The role of cholinergic effects in the potentiation of noradrenalin by imipramine has been studied. In dogs, the arrhythmic response elicited by high doses of noradrenalin were enhanced by imipramine, while the development of arrhythmia in vagotomized animals or those treated beforehand with atropine was inhibited by it. Cocaine enhanced the arrhythmia in both cases. In decerebrated and atropine-pretreated cats, neostigmine and physostigmine enhanced the pressor effect of noradrenalin. 6,55

Card 1/2

2

L 14861-66

ACC NR: AT6007416

while Win 4981 [3,6-bis-(3-diethylaminopropoxy)-pyridazine-bis-methiodide] and curare inhibited the noradrenalin-potentiating effects of both imipramine and the cholinesterase blocking agents mentioned. The results suggest the role of cholinergic mechanisms in the noradrenalin-potentiating effect of imipramine. They also indicate that the sensitivity of the sympathetic receptor is significantly influenced by the actual parasympathetic tone.

[JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

I 32152-66 RO  
ACC NO: AT6023535

SOURCE CODE: HU/2505/65/027/002/0193/0197

AUTHOR: Fekete, Marton; Borsy, Jozsef--Borahi, Y.; Mitsanyi, Attila--Mitahan'i, A. 24

ORG: Research Institute for Pharmaceutical Chemistry, Budapest (Gyogysszerkutat  
Intezet); Experimental Research Department, Medical University of Budapest B+1  
(Budapesti Orvostudományi Egyetem Kísérleti Kutatóintézet)

TITLE: Coronary vasodilator effect of methophenazine and some other phenothiazine derivatives

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 2, 1965, 193-197

TOPIC TAGS: chlorpromazine, blood circulation, drug effect, nervous system drug

ABSTRACT: 1) Methophenazine was found to exert a more marked and prolonged coronary vasodilator effect on the Langendorff isolated heart preparation than does papaverine, chlorpromazine or perphenazine. 2) Methophenazine inhibits the vasopressin-induced elevation of the T-wave to the same extent as prenylamine. 3) Myocardial blood flow was increased somewhat less, and muscle blood flow somewhat more by the tested phenothiazine derivatives than by papaverine. In both respects, methophenazine proved to be the most effective one among the phenothiazine derivatives tested. Orig. art. has: 3 figures. [Orig. art. in Eng.] [JPRS]

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Card 1/1 RB

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1498



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ACC NR: AT6020843

SOURCE CODE: HU/2502/65/044/003/0301/0305

AUTHOR: Toldy, Lajos (Doctor); Toth, Istvan; Fekete, Marton (Doctor); Borsy, Jozsef<sup>26</sup>  
(Doctor)

ORG: Pharmaceutical Research Institute, Budapest (Gyogyszeripari Kutato Intezet)

TITLE: Phenthiazine derivatives, VI. Attempts at the preparation of phenthiazines with a selective coronary dilatatory effect

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 44, no. 3, 1965, 301-305<sup>22</sup>

TOPIC TAGS: isomer, tranquilizer, drug effect, circulatory drug, pharmacology, nonmetallic organic derivative

ABSTRACT: Various structural changes were made in the tranquilizer Methophenazine in order to separate its coronary dilatatory effect which is also of therapeutic importance. Certain correlations between structure and coronary dilatatory effect were found in the course of pharmaceutical testing of the derivatives. The properties desired by the authors were found most favorable in a Methophenazine isomer [3-chloro-10-β-[4'-(β'-hydroxyethyl)-piperazinyl-1']-propylphenthiazine-3",4",5"-trimethoxybenzoate]. Having a slight sedative effect only and almost no effect on the autonomic nervous system, Isomethophenazine can be considered a phenthiazine derivative with a potential for selective coronary dilatatory action. Some polymethoxyphenthiazine derivatives, and some phenthiazine derivatives in combination with glucose or with sugar alcohols were also prepared in the course of this work. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 14Apr64 / ORIG REF: 010 / OTH REF: 033 / SOV REF: 006  
Card 1/1 LS

SZEGO, Laszlo, dr.,; FARKAS, Margit, dr.

Study on the role of physical factors in dermatitis caused by  
Ruta graveolens. *Borogygy. vener. szemle* 10 no.2:86-89 March 56

1. Szabolcs-Szatmar Megye Tanácsa Kórhaza, Nyíregyháza (igazgató:  
Zempleni Béla dr.) Borogyógyászati osztálynak (főorvos: Szego  
Laszlo dr.) közl.

(DERMATITIS, CONTACT

occup., caused by *Ruta graveolens* in workers on medicinal  
herb plantations (Hun))

(OCCUPATIONAL DISEASES

contact dermatitis, caused by *Ruta graveolens* in workers  
on medicinal herb plantations (Hun))

(PLANTS

*Ruta graveolens*, causing contact dermatitis in workers on  
medicinal herb plantations (Hun))

HUNGARY

Pediatrics

KERPEL-FRONIUS, Odon, Dr, FEKETE, Miklos, Dr, JANI, Lajos, Dr; Medical University of Pecs, Pediatric Clinic (director: KERPEL-FRONIUS, Odon, Dr) (Pecsi Orvostudományi Egyetem, Gyermekklinika).

"Lactose Malabsorption in Different Forms of Atrophy."

Budapest, Orvosi Hetilap, Vol 107, No 35, 28 Aug 66, pages 1633-1639.

Abstract: [Authors' Hungarian summary] Lactose, saccharose, glucose and galactose loading tests performed on 62 infants in a state of severe atrophy indicated the presence of lactose malabsorption in one-fourth of the cases. In these cases, the blood sugar curve, after lactose administration, was flat and the fecal pH was lowered. Since the results of glucose and galactose or saccharose loading tests in these cases did not differ greatly from those of the controls, it can be assumed that an elective, acquired damage to the lactase activity is involved. The most frequent and most severe cases of lactose malabsorption were found among those infants in whom the atrophy was caused by low milk and protein ingestion or by coli infection. These factors appear to be of greater importance in the development of lactose malabsorption than the atrophy of the body itself. Lactose splitting or absorption is one of the parameters the repair of which occurs last in the course of rehabilitation of these infants. 1 Hungarian, 17 Western references.

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HUNGARY

MESTYAN, Gyula, Dr, JARAI, Istvan, Dr, BATA, Geza, Dr, FEKETE, Miklos, Dr,  
Medical University of Pecs, Pediatric Clinic (director: KERPEL-FRONIUS,  
Odon, Dr) (Pecsi Orvostudományi Egyetem, Gyermekklinika).

"The Importance of Skin Temperature in Chemical Thermoregulation of  
Hypothermic, Immature Infants."

Budapest, Orvosi Hetilap, Vol 107, No 17, 24 Apr 66, pages 775-779.

Abstract: [Authors' Hungarian summary] The changes in and relationship  
between O<sub>2</sub> consumption and the temperature of the colon, abdomen, skin  
and forehead were studied at different environmental temperatures in 15  
hypothermic, immature infants 1-14 days of age who weighed 1200-1700 g  
at birth. The observations led to the following conclusions: 1) Under the  
experimental conditions used, the hypothermic basal temperature is not  
a decisive factor in the elicitation and maintenance of chemical thermo-  
regulation. 2) In the hypothermic immature infant, chemical thermoregula-  
tion proceeds at a considerably lower skin temperature level than in the  
normothermic newborn. It can be assumed that this change in regulation is  
produced by the hypothermy itself through functional changes either in  
the peripheral or in the central mechanism of thermoreception. 1 Hungarian,  
3 Western references.

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